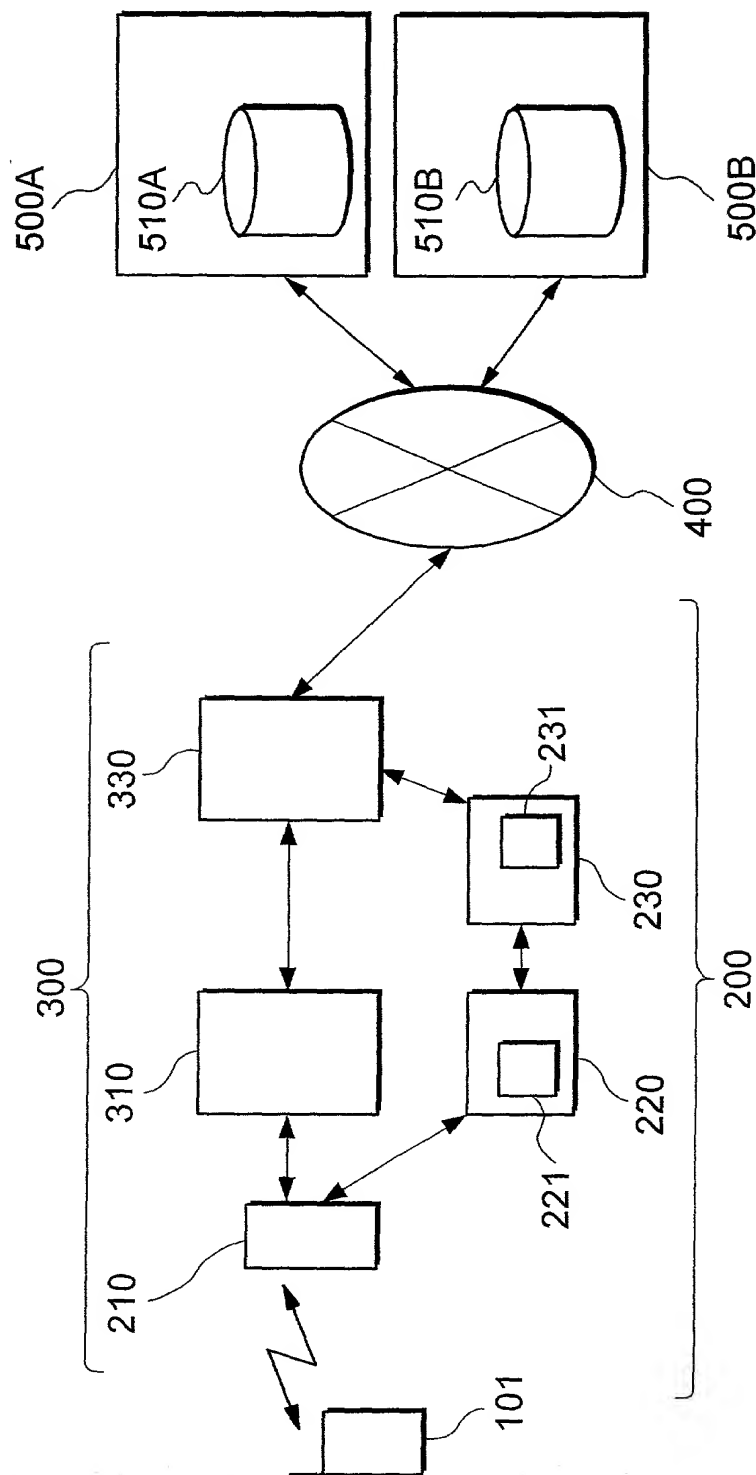


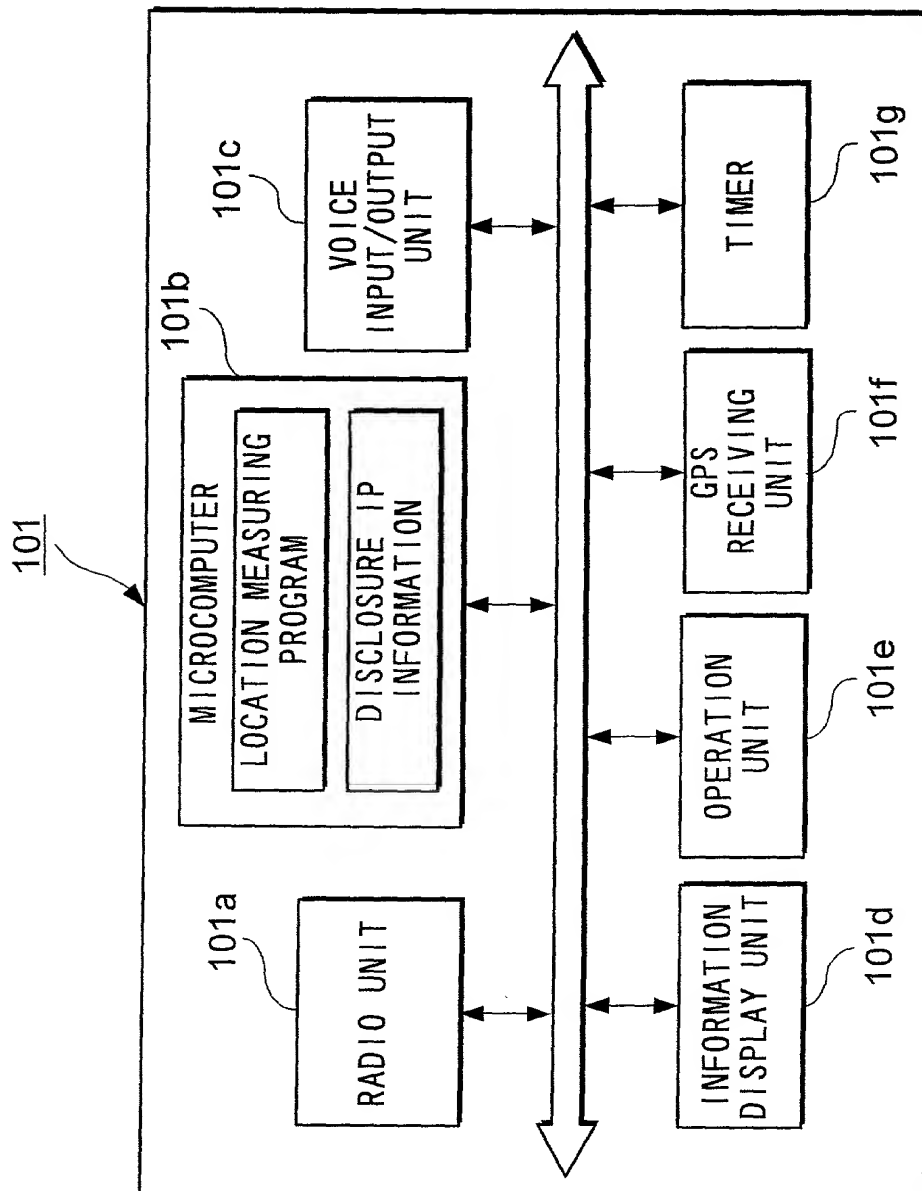
1/24

FIG. 1



2/24

FIG. 2



3/24

FIG. 3

IP SERVER NAME	HOST NAME (URL)	SERVICE NAME	LOCATION INFORMATION DISCLOSURE FLAG	USER PERMIT FLAG
IP SERVER 500A	xxx.co.jp	LOCATION-RELATED INFORMATION PROVIDING SERVICE	ON	ON
IP SERVER 500B	yyy.co.jp	LOCATION-RELATED INFORMATION PROVIDING SERVICE	ON	
IP SERVER 500C	zzz.co.jp	WIDE AREA INFORMATION PROVIDING SERVICE	OFF	
...	
...	
...	
...	

4/24

FIG. 4A

```

<HTML>
<TITLE> INFORMATION ON YOUR NEARBY SHOPS </TITLE>
<BODY>
WE OFFER VARIOUS SHOPS LOCATED NEAR YOUR PRESENT LOCATION. <BR>
<A HREF="http://xxx.co.jp/cgi-bin/restaurant.cgi?area=NULLAREA">RESTAURANT INFORMATION</A><BR>
<A HREF="http://xxx.co.jp/cgi-bin/movie.cgi?area=NULLAREA">MOVIE THEATER INFORMATION</A><BR>
<A HREF="http://xxx.co.jp/cgi-bin/artmuseum.cgi?area=NULLAREA">ART MUSEUM INFORMATION</A><BR>
<BR>
<A HREF="http://xxx.co.jp/cgi-bin/pushregist.cgi?uid=NULLID">FOLLOW-UP INFORMATION SUPPLY
REGISTRATION</A><BR>
<A HREF="http://xxx.co.jp/about.html">ABOUT THIS SERVICE</A><BR>
</BODY>
</HTML>

```

5/24

FIG. 4B

WE OFFER INFORMATION ON VARIOUS
SHOPS LOCATED NEAR YOUR PRESENT
LOCATION.

RESTAURANT INFORMATION

MOVIE THEATER INFORMATION

ART MUSEUM INFORMATION

FOLLOW-UP INFORMATION SUPPLY

REGISTRATION

ABOUT THIS SERVICE

6/24

FIG. 5

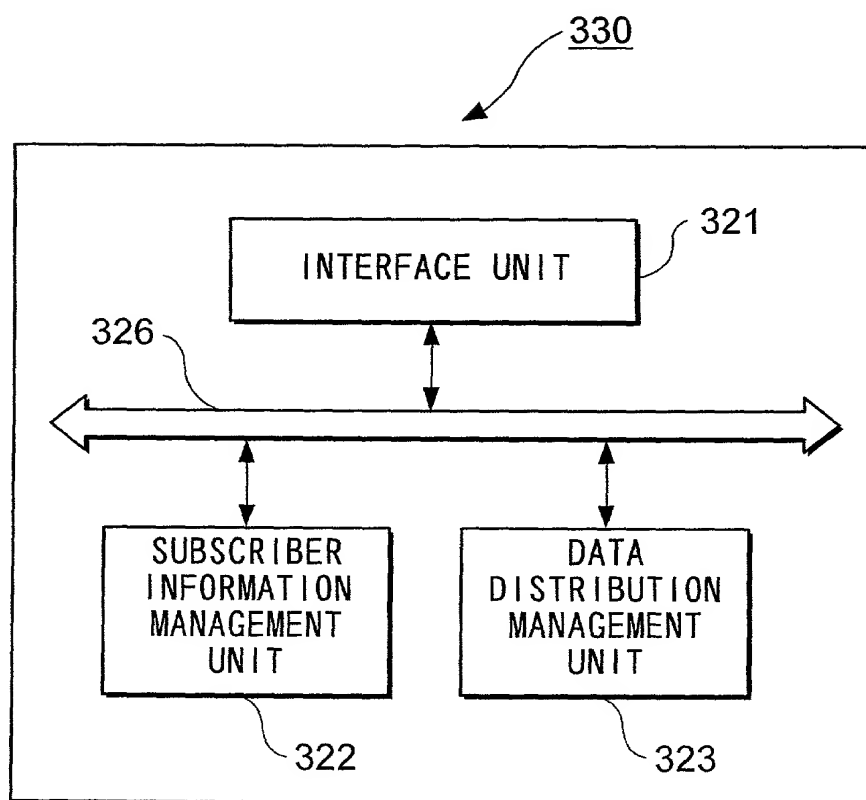
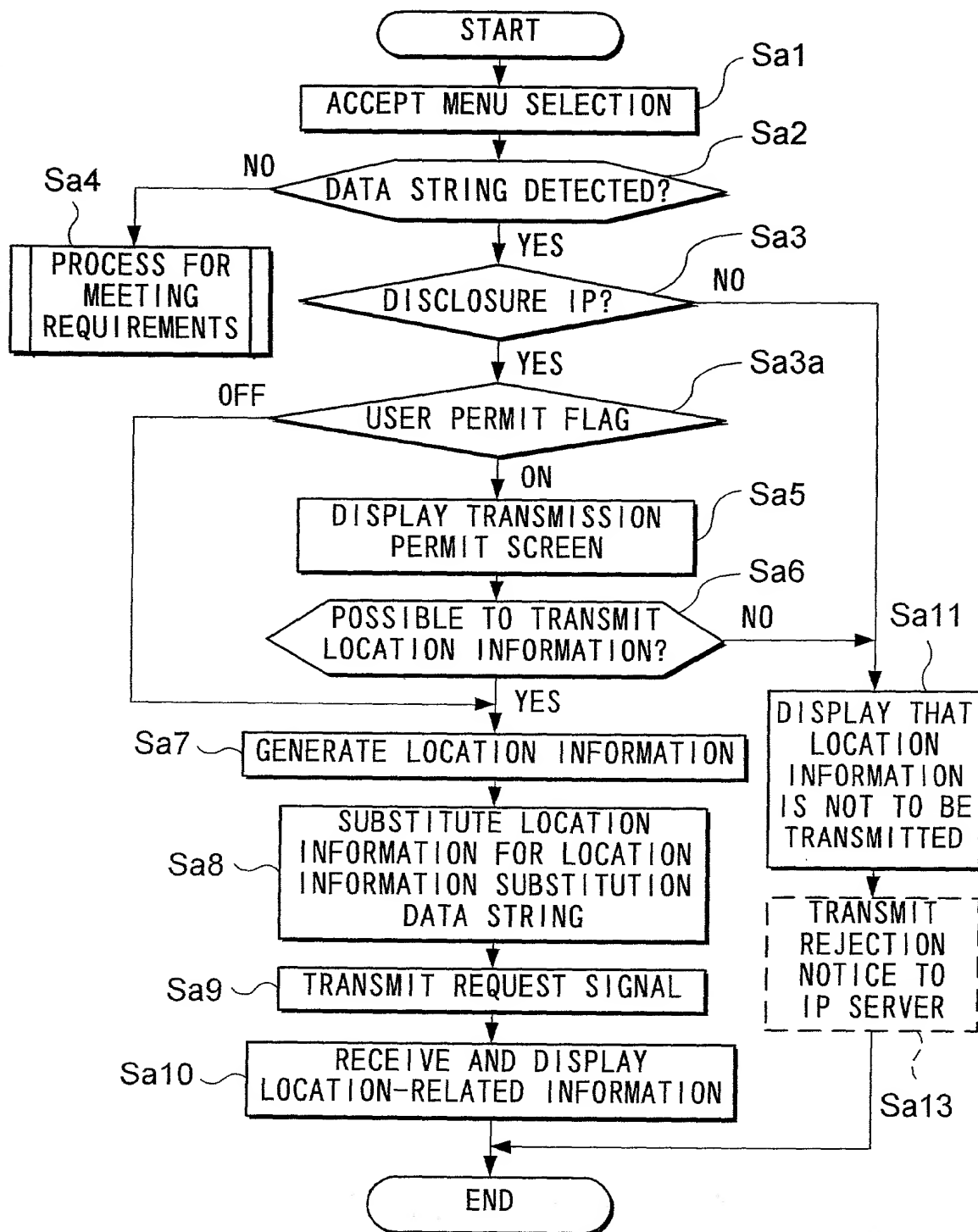


FIG. 6

[illegible]

8/24

FIG. 7



9/24

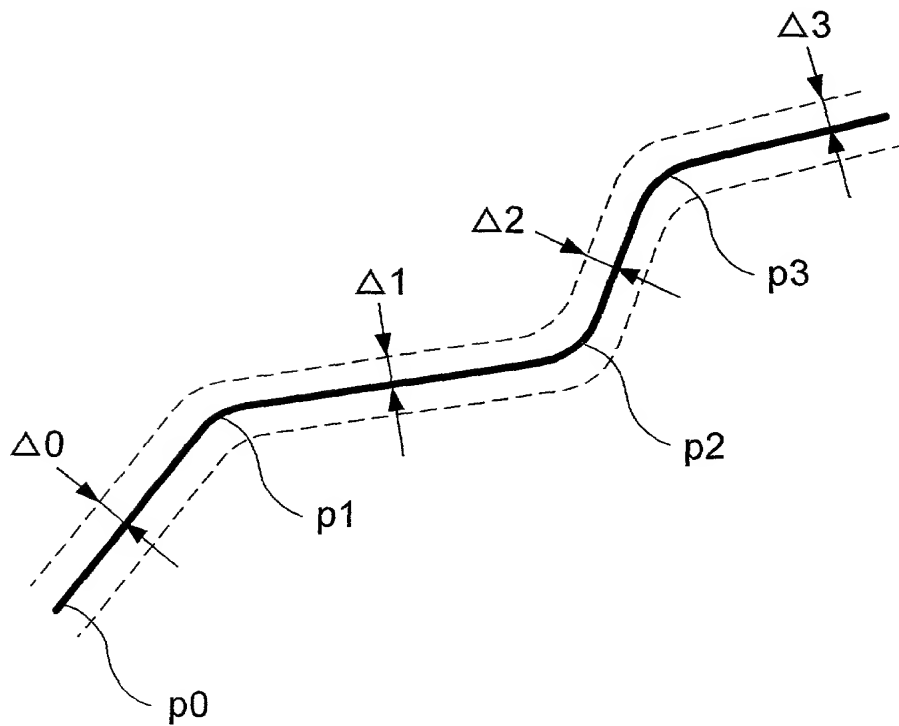
FIG. 8A

LOCATION INFORMATION DATA BASE

LOCATION INFORMATION		OCCUPANT INFORMATION	
		CATEGORY	NAME OF OCCUPANT
LINE p0-p1	$\Delta 0$	EXPRESSWAY	TOMEI EXPRESSWAY
LINE p0-p1	$\Delta 1$		
⋮	⋮		
LINE p3-p _{n-1}	Δ_{n-1}		
⋮	⋮	⋮	⋮
POINT q0	r0	SHOPPING	××× TOWER SHOPPING FLOOR
POINT q1	r1	RESTAURANT	××× TOWER RESTAURANT
⋮	⋮	⋮	⋮
POINT q _{m-1}	r _{m-1}	MEETING ROOM	××× TOWER MEETING ROOM A
POINT q(N0 z)	r	BUILDING	××× TOWER

10/24

FIG. 8B



11/24

FIG. 8C

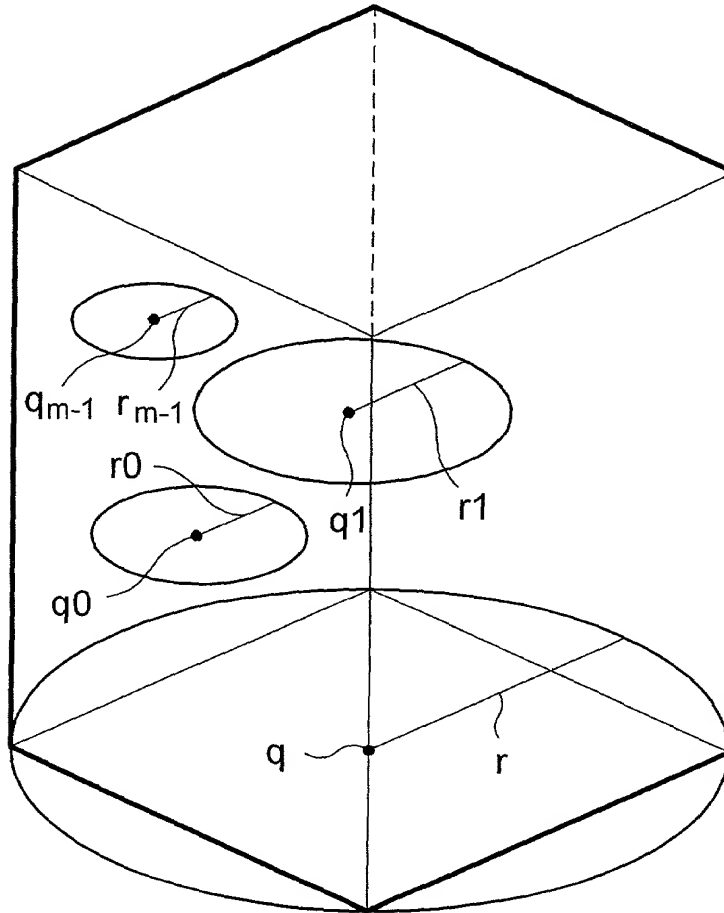


FIG. 8D

CATEGORY	STATE
EXPRESSWAY	MOVING
RAILROAD	MOVING
SEA	MOVING
PEDESTRIAN WALK	MOVING
SHOPPING	SHOPPING
RESTAURANT	DINING
MEETING ROOM	MEETING
.....
.....

12/24

FIG. 9

INPUT PRESENT
STATE.

STATE: MEETING
MOVING IN CAR
MOVING IN TRAIN
STAYING HOME

↓

FIG. 10

MOBILE STATION ID	LOCATION INFORMATION DISCLOSURE IP SERVER
MS09011111111	IP SERVER 500A
	IP SERVER 500B
	IP SERVER 500H

MS09011111112	IP SERVER 500D
	IP SERVER 500M

.....

13/24

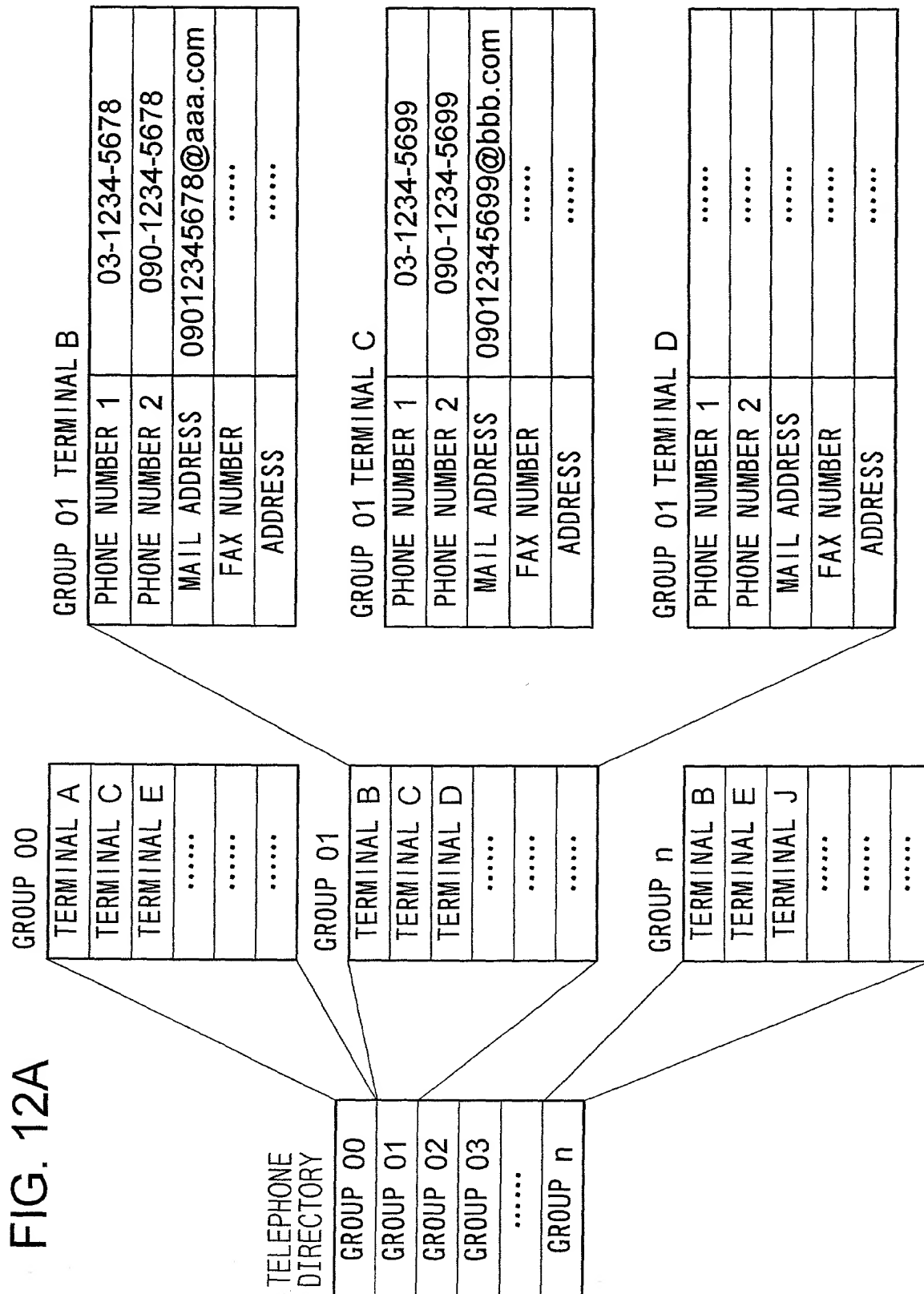
FIG. 11

MOBILE STATION ID NOT DISCLOSING LOCATION INFORMATION
MS09011111122
MS09011155555
.....
.....
.....
.....

0980434-13

14/24

FIG. 12A



F0350/3080

15/24

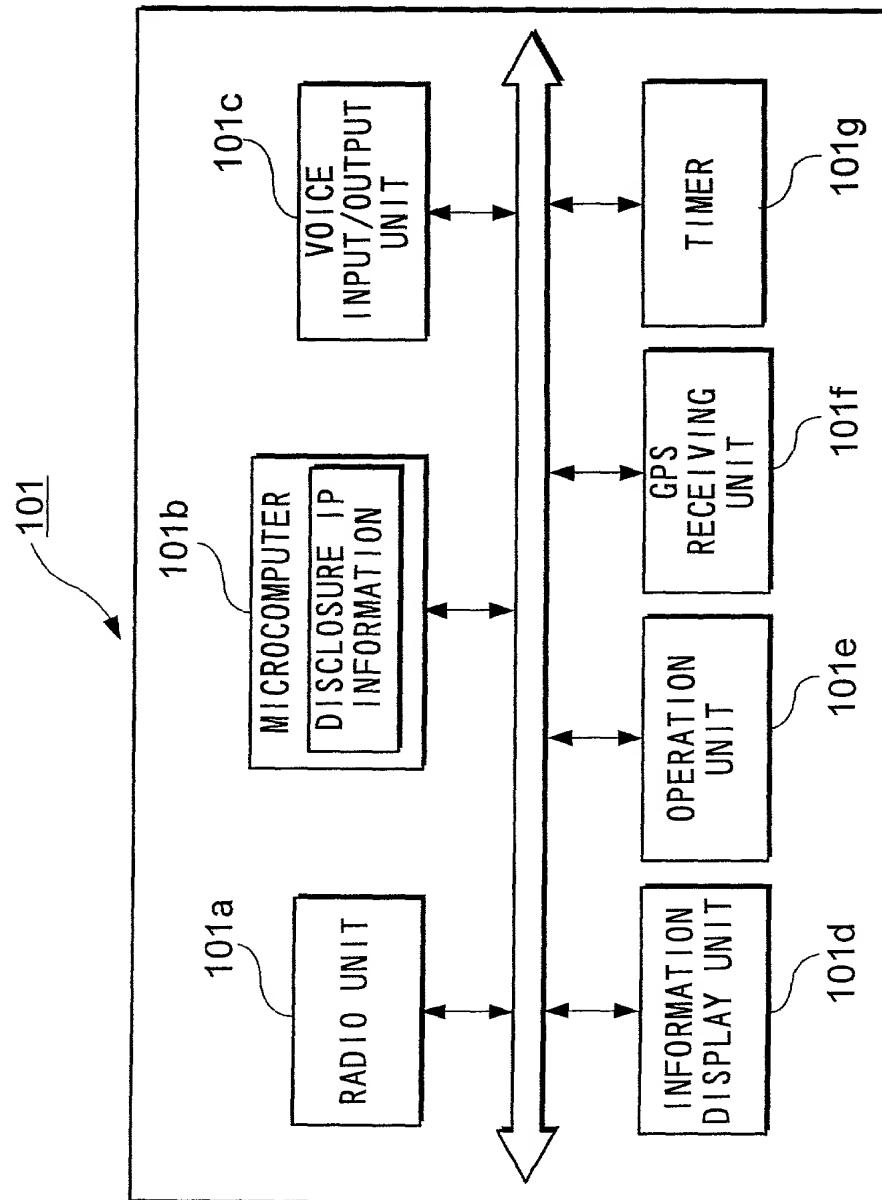
FIG. 12B

DESTINATION GROUP ACCESS TABLE

	GROUP NO.				
	00	01	02	03	04
TERMINAL				
TERMINAL A	NOT ACCESSIBLE	ACCESSIBLE	NOT ACCESSIBLE	NOT ACCESSIBLE	ACCESSIBLE
TERMINAL E	NOT ACCESSIBLE	NOT ACCESSIBLE	ACCESSIBLE	NOT ACCESSIBLE	NOT ACCESSIBLE
TERMINAL F	ACCESSIBLE	NOT ACCESSIBLE	NOT ACCESSIBLE	ACCESSIBLE	NOT ACCESSIBLE
.....					
.....					

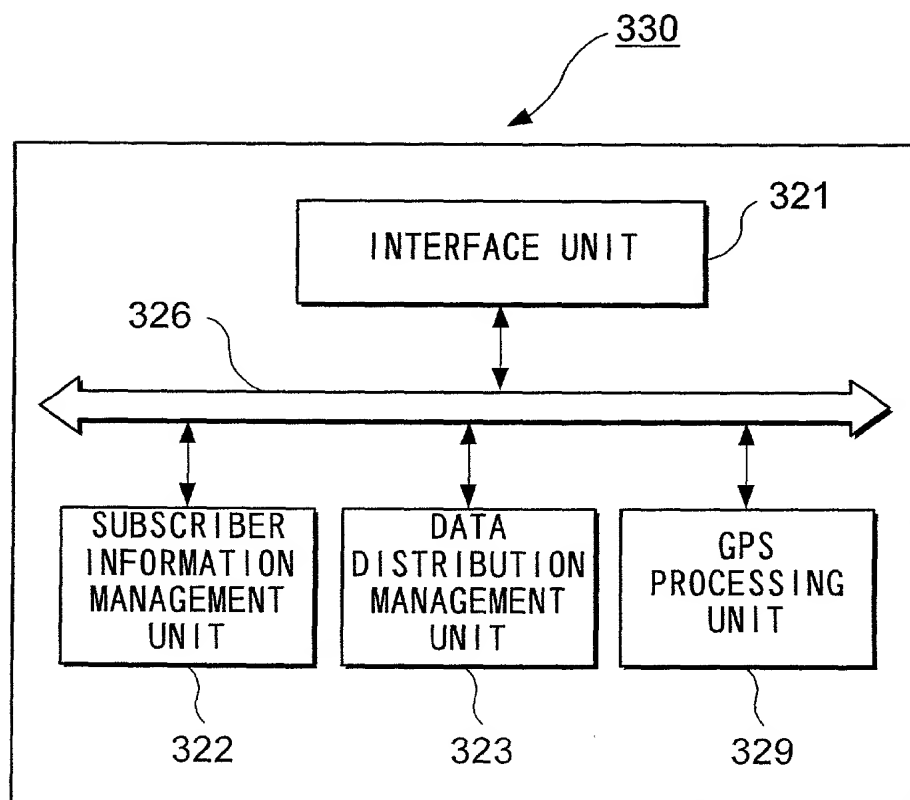
16/24

FIG. 13



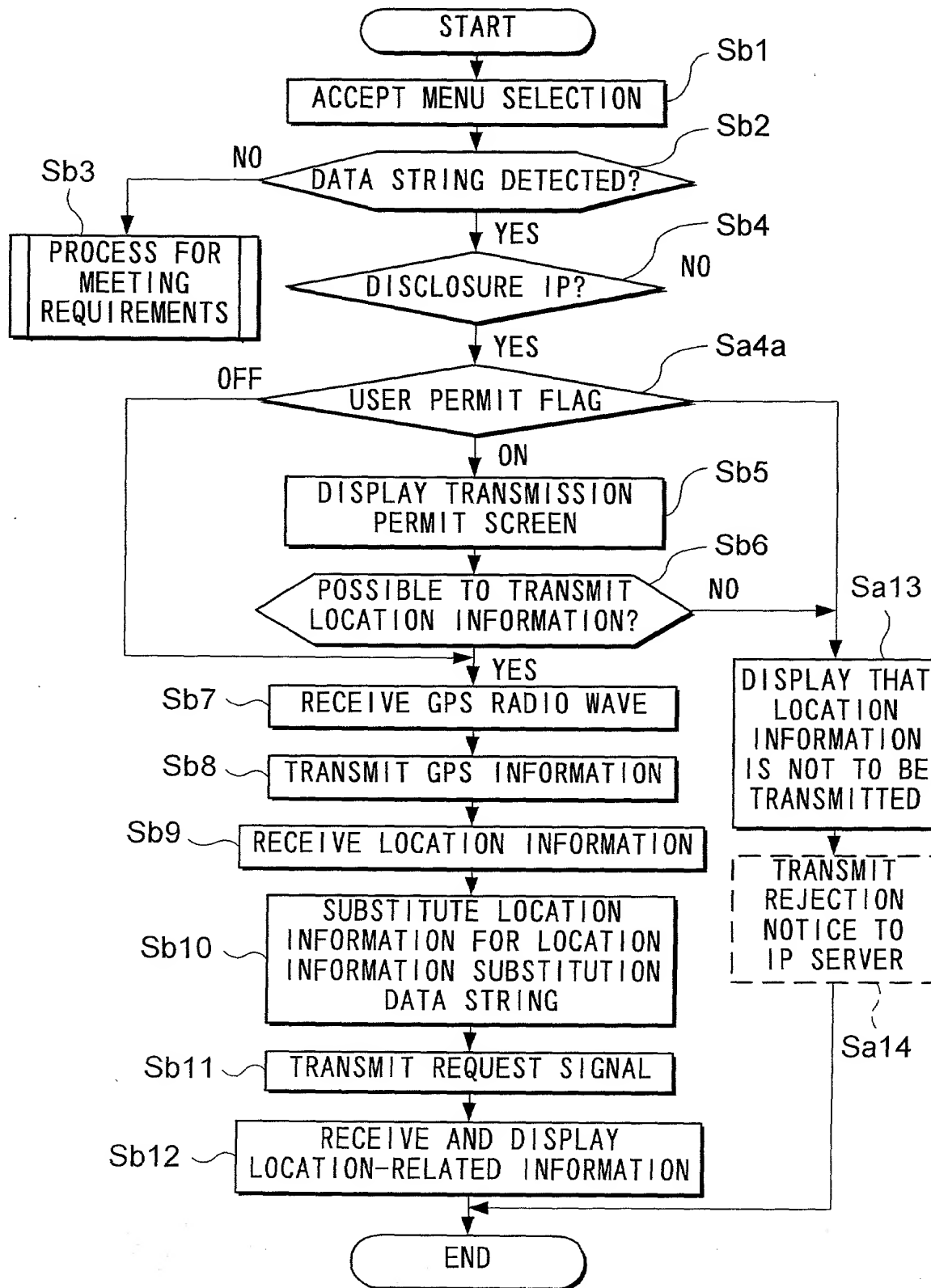
17/24

FIG. 14



18/24

FIG. 15



19/24

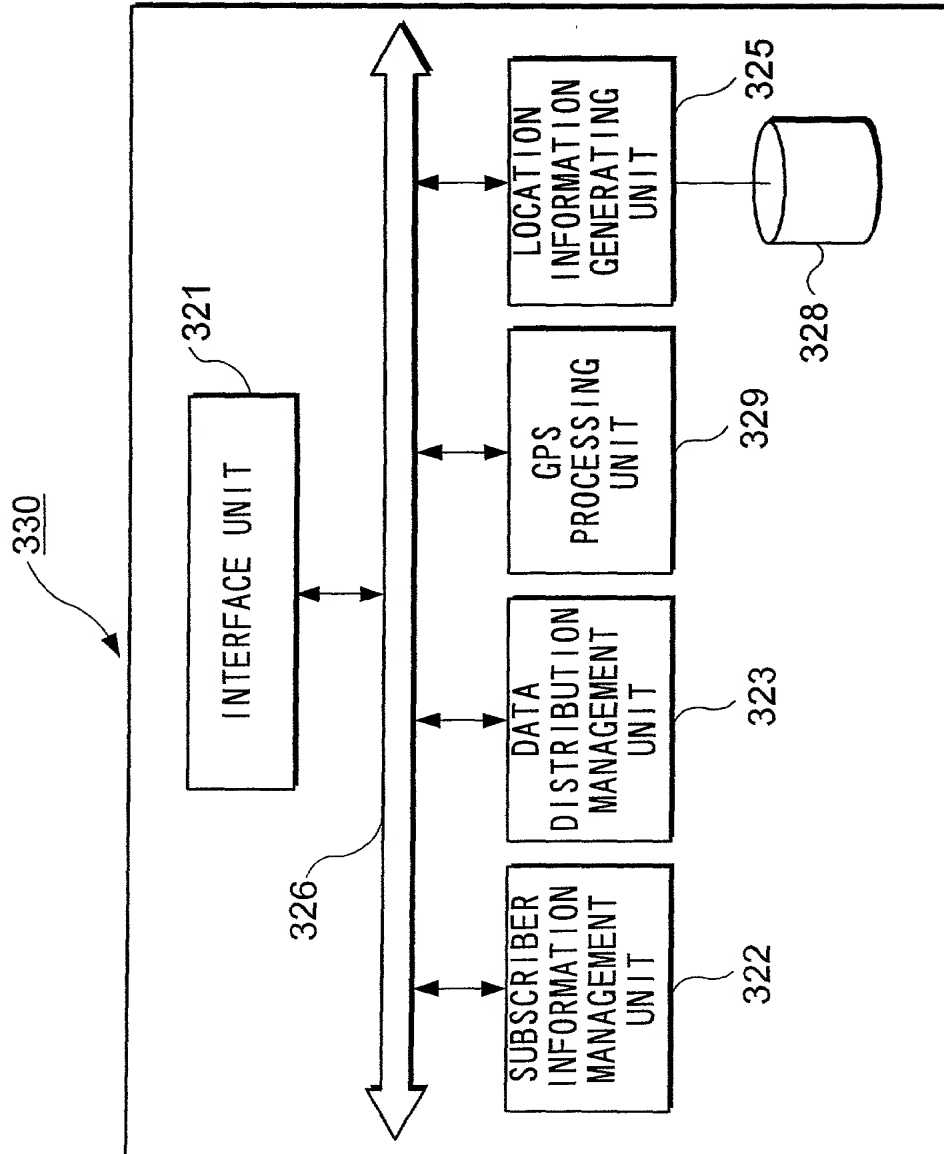
FIG. 16

http://xxx.co.jp/cgi-bin/resutaurant.cgi?area =
NULLAREA(.gps)
http://xxx.co.jp/cgi-bin/move.cgi?area =NULLAREA(.bs)

F0350/3080

20/24

FIG. 17



21/24

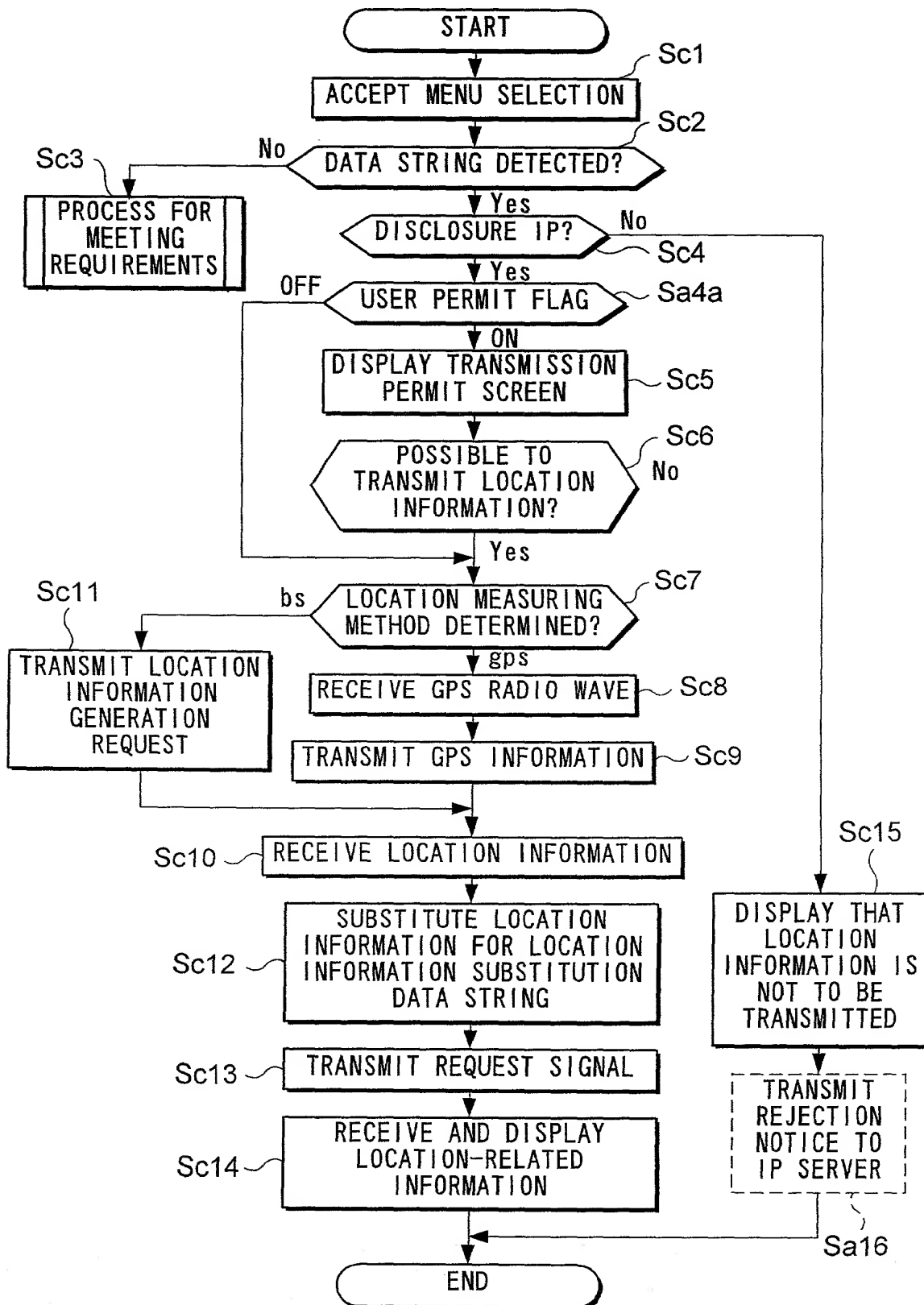
FIG. 18

BASE STATION ID	AREA CODE
BS001 ~ BS005	CODE001
.....
.....
.....
.....
.....

0980434-12001

22/24

FIG. 19



23/24

FIG. 20A

	LOCATION MEASURING METHOD	NOTE	ACCURACY	TIME
G4	GPS	FOUR SATELLITES	HIGH	VERY DETERIORATED
G3	GPS	THREE SATELLITES	STANDARD	DETERIORATED
G2	GPS	TWO SATELLITES	LOW	NOT SO DETERIORATED
B3	BTS	THREE BASE STATIONS	STANDARD	RATHER IMPROVED
B2	BTS	TWO BASE STATIONS	LOW	MUCH IMPROVED

FIG. 20B

PARAMETER	CONTENTS
T	PRIORITY TO TIME
A	PRIORITY TO ACCURACY
TG	PRIORITY TO TIME WITH GPS
AB	PRIORITY TO ACCURACY WITH BTS

FIG. 21A

1. NOTIFY SELF LOCATION
DESTINATION
[09012345678]

ENTER CLEAR

FIG. 21B

LOCATION INFORMATION
OF DESTINATION TO BE
ACQUIRED?

YES NO

TRANSMIT CLEAR

24/24

FIG. 22

